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Berkeley Heights, NJ 07922-2727
201 771-2000

May 8, 1989

Ms. Donna McCartney
U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107

Re: C&D Recycling Site
Foster Township, PA

Dear Donna:

Enclosed are five (5) copies of the monthly progress report pertaining to the Remedial Investigation and Feasibility Study at the C&D Recycling Site. The report was prepared by Fred C. Hart Associates, Inc.

Please contact me if you have any questions regarding the report.

Sincerely,

A handwritten signature in cursive script that reads "J. T. Chikowski".

J. T. Chikowski
Senior Engineer

Enc.

AR200177

C&D RECYCLING SITE
PROJECT STATUS REPORT
NUMBER 14

PERIOD COVERING: 4-1-89 to 4-30-89

PREPARED BY: William Neubeck DATE: 5/8/89

HART PROJECT NUMBER: 01023-18 00009-00 TASK NO: 10

DESCRIPTION: Activities related to the RI.

ACTION THIS PERIOD:

HART initiated the second phase of field work at the subject site on April 3, 1989. Field equipment for the on-site and off-site well sampling was mobilized to the site on April 3, 1989. On-site monitoring wells were sampled as follows: MW-3 on April 3; MW-4 and MW-8 on April 4; MW-1, MW-5, and MW-6 on April 5. The off-site residential wells were sampled as previously scheduled (Sulima and Rohrbach on April 3; Clarke, Drasher, and Samuelian on April 4).

An employee of Waste Conversion Inc. removed on-site waste water from the 1,000-gallon waste water tank and the 55-gallon drum used as a sump for the decontamination pad. The waste water tank was moved next to the decontamination pad to facilitate the removal of waste water from the sump.

Corehole C-C, located in the shale pit, was plugged with cement and bentonite. Artesian conditions in the corehole had blown out the previously installed bentonite plug.

HART and Hawkins Well Drilling began drilling six-inch borings for well installation on April 12, 1989. Drilling was completed on April 28. The locations and total depth drilled at each location are as follows:

MW-1S	60.0'	MW-5D	217.0'	MW-8S	60.0'
MW-4	26.0'	MW-6S	136.0'	MW-9S	56.0'
MW-5S	77.0'	MW-7	89.0'	MW-9M	85.0'

Predevelopment of selected intervals in existing boreholes, and in the newly drilled borings, was undertaken during this period. Completion of predevelopment will occur in the next period.

HART conducted in-situ interval packer testing, at all locations discussed in the Addendum to Interim Data Evaluation Report, between April 18 and April 28, 1989. A total of 5 intervals were sampled from 2 of the existing monitoring wells and 7 intervals from the 3 newly drilled borings. There were no water-bearing intervals as defined in the Work Plan in MW-2. The samples were sent to the laboratory for analysis of lead and copper. Two shallow intervals (23-34' and 64-75') at MW-5S were tested with the packer but not sampled. The packer was utilized to determine if these intervals produce water.

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Laboratory data and QA/QC documentation were received by HART throughout this period. This information relates to the on-site and off-site well sampling. HART is currently validating this data and will transmit a copy of the results to the USEPA as soon as the validation is completed.

PROBLEMS ENCOUNTERED/RESOLVED:

The bottom of the casing at MW-5D pinched inward when set and had to be reamed out; this was caused by difficulties which occurred when drilling past this part of the casing. A smaller (5-3/4") bit had to be utilized at 150'. Packer testing below 150' at MW-5D was attempted; however, the packer assembly would not fit past this constricted area.

Resampling of the off-site well at the Sulima residence took place on April 27, 1989. The well was resampled due to previous improper chain-of-custody documentation.

No water-bearing zones as defined in the Work Plan were encountered in MW-2. This hole can be considered dry for the purpose of in-situ packer testing.

SCOPE OF WORK CHANGES:

As discussed in a letter to AT&T dated April 21, 1989, bentonite grout will be utilized above the sand pack during well construction instead of a bentonite/cement grout.

The option of adding an additional well at both location MW-8 and MW-9 was exercised as discussed in the Addendum to Interim Data Evaluation Report.

ACTION NEXT PERIOD:

Field work for the second phase of the RI investigation will continue. On-site work will include:

1. Completion of borehole development.
2. Completion of wells in existing boreholes.
3. Development of newly installed wells.

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